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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. 14965US01																																													
		First Inventor Sunoj Koshy																																													
		Title REDUCED MEMORY IMPLEMENTATION TECHNIQUE OF FILTERBANK AND BLOCK SWITCHING FOR REAL-TIME AUDIO APPLICATIONS																																													
		Express Mail Label No. EV164033741.us																																													
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450.																																													
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 24] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 5]</p> <p>5. Oath or Declaration [Total Pages 3] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTORS Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>																																													
ACCOMPANYING APPLICATION PARTS																																															
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b) (2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p>																																															
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.:</p> <p>Prior application information: Examiner: Group/Art Unit:</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> <p style="text-align: center;">18. CORRESPONDENCE ADDRESS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;"><input checked="" type="checkbox"/> Customer Number or Bar Code Label</td> <td style="width: 40%; padding: 5px; text-align: center;">23446 PATENT TRADEMARK OFFICE</td> <td style="width: 30%; padding: 5px; text-align: center;">or <input type="checkbox"/> Correspondence address below</td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Name</td> <td colspan="4" style="padding: 2px;">Mirut P. Dalal</td> </tr> <tr> <td rowspan="2" style="width: 15%; padding: 2px;">Address</td> <td colspan="4" style="padding: 2px;">McAndrews, Held & Malloy, Ltd. – 34th Floor</td> </tr> <tr> <td colspan="4" style="padding: 2px;">500 West Madison Street</td> </tr> <tr> <td style="width: 15%; padding: 2px;">City</td> <td style="width: 15%; padding: 2px;">Chicago</td> <td style="width: 10%; padding: 2px;">State</td> <td style="width: 10%; padding: 2px;">IL</td> <td style="width: 10%; padding: 2px;">Zip Code</td> <td style="width: 10%; padding: 2px;">60661</td> </tr> <tr> <td style="width: 15%; padding: 2px;">Country</td> <td style="width: 15%; padding: 2px;">USA</td> <td style="width: 10%; padding: 2px;">Telephone</td> <td style="width: 10%; padding: 2px;">312-775-80000</td> <td style="width: 10%; padding: 2px;">Fax</td> <td style="width: 10%; padding: 2px;">312-775-8100</td> </tr> </table> </td> </tr> <tr> <td colspan="2" style="padding: 5px;">Name (Print/type)</td> <td colspan="2" style="padding: 5px;">Mirut Dalal</td> <td colspan="2" style="padding: 5px;">Registration No. (Attorney/Agent)</td> </tr> <tr> <td colspan="2" style="padding: 5px;">Signature</td> <td colspan="2" style="padding: 5px;"></td> <td colspan="2" style="padding: 5px;">44,052 Date 10/13/2003</td> </tr> </table>				<input checked="" type="checkbox"/> Customer Number or Bar Code Label	23446 PATENT TRADEMARK OFFICE	or <input type="checkbox"/> Correspondence address below	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Name</td> <td colspan="4" style="padding: 2px;">Mirut P. Dalal</td> </tr> <tr> <td rowspan="2" style="width: 15%; padding: 2px;">Address</td> <td colspan="4" style="padding: 2px;">McAndrews, Held & Malloy, Ltd. – 34th Floor</td> </tr> <tr> <td colspan="4" style="padding: 2px;">500 West Madison Street</td> </tr> <tr> <td style="width: 15%; padding: 2px;">City</td> <td style="width: 15%; padding: 2px;">Chicago</td> <td style="width: 10%; padding: 2px;">State</td> <td style="width: 10%; padding: 2px;">IL</td> <td style="width: 10%; padding: 2px;">Zip Code</td> <td style="width: 10%; padding: 2px;">60661</td> </tr> <tr> <td style="width: 15%; padding: 2px;">Country</td> <td style="width: 15%; padding: 2px;">USA</td> <td style="width: 10%; padding: 2px;">Telephone</td> <td style="width: 10%; padding: 2px;">312-775-80000</td> <td style="width: 10%; padding: 2px;">Fax</td> <td style="width: 10%; padding: 2px;">312-775-8100</td> </tr> </table>			Name	Mirut P. Dalal				Address	McAndrews, Held & Malloy, Ltd. – 34 th Floor				500 West Madison Street				City	Chicago	State	IL	Zip Code	60661	Country	USA	Telephone	312-775-80000	Fax	312-775-8100	Name (Print/type)		Mirut Dalal		Registration No. (Attorney/Agent)		Signature				44,052 Date 10/13/2003	
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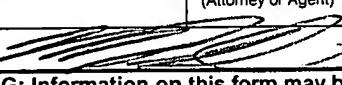
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FEE TRANSMITTAL for FY 2003

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT | (\$770.00)

Comple <i>if Known</i>	
Application Number	Not Yet Known
Filing Date	October 13, 2003
First Named Inventor	Sunoj Koshy
Examiner Name	Not Yet Known
Group Art Unit	Not Yet Known
Attorney Docket No.	14965US01

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																																
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Deposit Account Number</td> <td style="padding: 5px; text-align: center;">13-0017</td> </tr> <tr> <td style="padding: 5px;">Deposit Account Name</td> <td style="padding: 5px; text-align: center;">McAndrews Held & Malloy</td> </tr> </table> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				Deposit Account Number	13-0017	Deposit Account Name	McAndrews Held & Malloy	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Fee Code</th> <th style="width: 10%;">Large Entity Fee (\$)</th> <th style="width: 10%;">Small Entity Fee (\$)</th> <th style="width: 60%;">Fee Description</th> <th style="width: 20%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>1812</td> <td>2,520</td> <td>For filing a request for ex parte reexamination</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1,840*</td> <td>1805</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1,450</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>1,970</td> <td>2255</td> <td>985</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1,510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> </tr> <tr> <td>1453</td> <td>1,300</td> <td>2453</td> <td>650</td> <td>Petition to revive - unintentional</td> </tr> <tr> <td>1501</td> <td>1,300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (or reissue)</td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> </tr> <tr> <td>1503</td> <td>610</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> </tr> <tr> <td>1806</td> <td>180</td> <td>1806</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>For each additional invention to be examined (37 CFR 1.129(b))</td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4">Other fee (specify) _____</td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="4">SUBTOTAL (2) (\$0.00)</td><td></td><td></td><td></td><td></td></tr> <tr> <td colspan="4">**or number previously paid, if greater; 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